Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144422.D
Acq On : 03 Dec 2025 16:35
Operator : RC/JU
Sample : Q3750-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Quant Time: Dec 03 16:56:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	43498	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	150247	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	73329	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	120719	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	129444	20.000	ng		0.00
86) Perylene-d12	15.527	264	140391	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	34684	12.478	ng		0.00
7) Phenol-d6	6.504	99	37309	11.846	ng		0.00
23) Nitrobenzene-d5	7.422	82	21575	8.293	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	10310	11.204	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	51759	10.425	ng		-0.01
79) Terphenyl-d14	12.975	244	56455	6.928	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.422	82	21575	4.385	ng	#	66
51) 2,6-Dinitrotoluene	9.898	165	9650	9.813	ng	#	27
57) 2,4-Dinitrotoluene	9.898	165	9650	7.330	ng	#	27
71) Phenanthrene	11.416	178	98887	16.453	ng		99
72) Anthracene	11.469	178	27552	4.508	ng		98
75) Fluoranthene	12.610	202	251620	40.526	ng		99
78) Pyrene	12.839	202	270315	25.900	ng		98
81) Benzo(a)anthracene	14.033	228	190347	21.217	ng		96
83) Chrysene	14.069	228	162948	19.675	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	59795	5.933	ng		99
88) Benzo(b)fluoranthene	15.092	252	247297	30.984	ng	#	98
89) Benzo(k)fluoranthene	15.092	252	247297	33.102	ng		97
90) Benzo(a)pyrene	15.463	252	139825	18.990	ng		96
91) Dibenzo(a,h)anthracene	17.027	278	18872	2.332	ng	#	92
92) Benzo(g,h,i)perylene	17.480	276	57854	7.239	ng		98

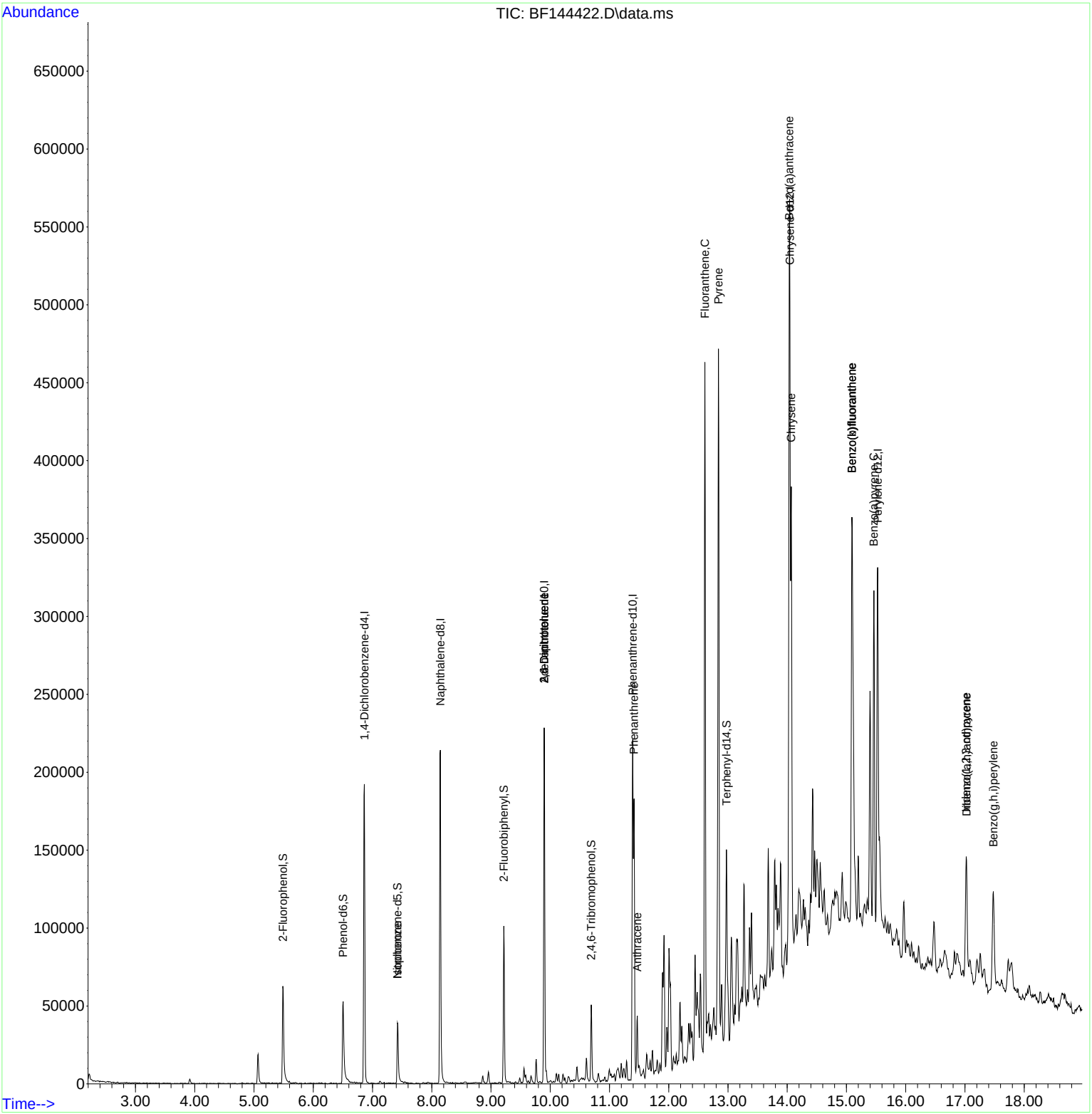
(#) = qualifier out of range (m) = manual integration (+) = signals summed

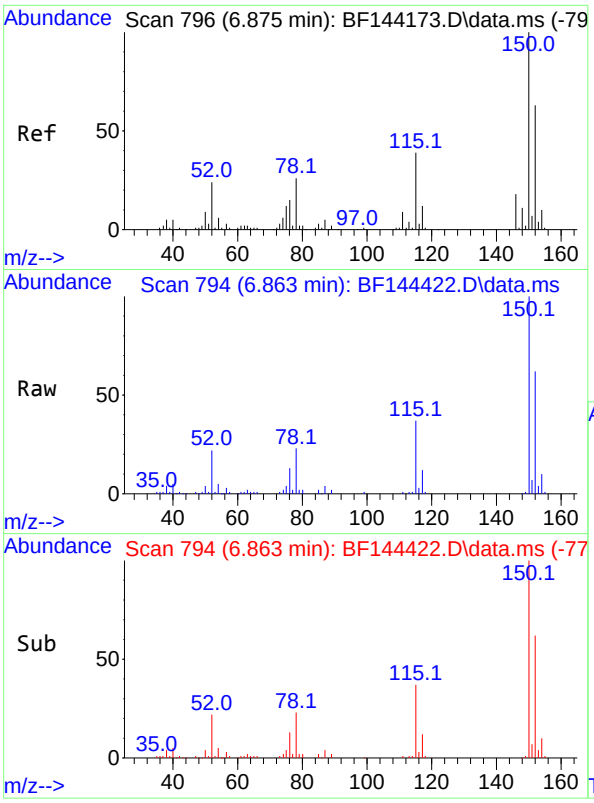
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144422.D
Acq On : 03 Dec 2025 16:35
Operator : RC/JU
Sample : Q3750-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Quant Time: Dec 03 16:56:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



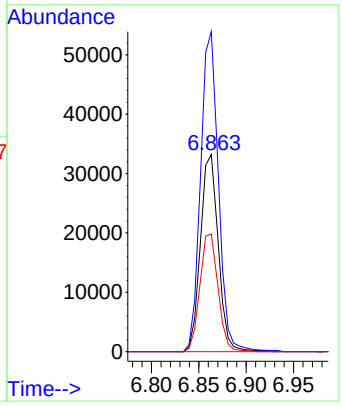


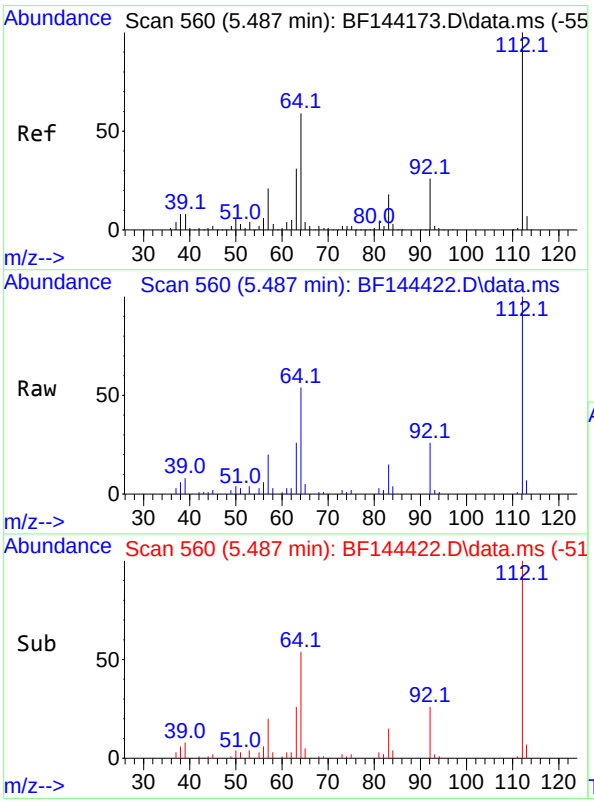
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:152 Resp: 43498

Ion	Ratio	Lower	Upper
152	100		
150	162.2	127.4	191.0
115	59.7	49.5	74.3

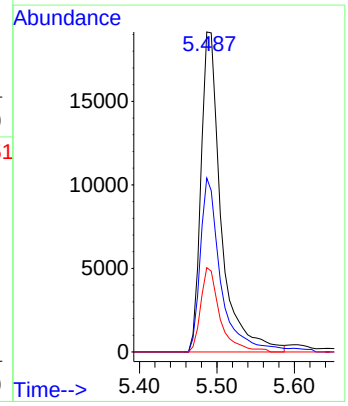


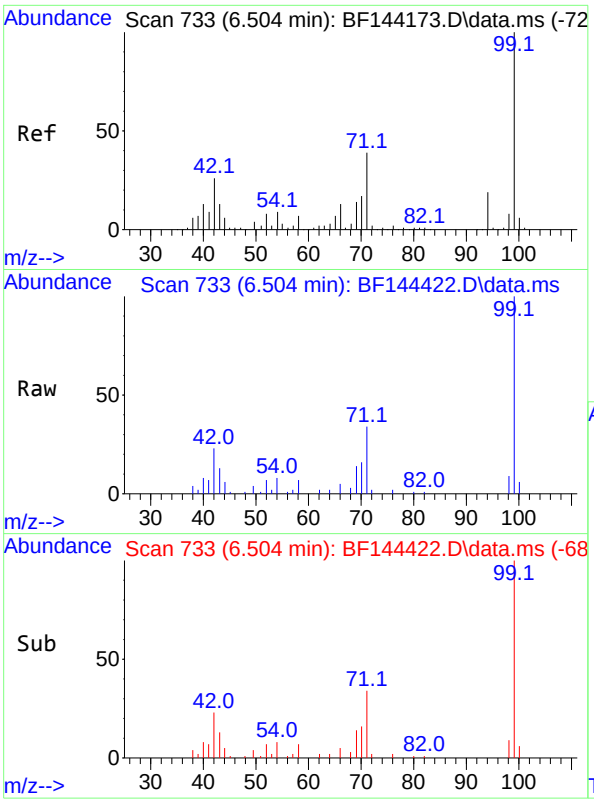


#5
2-Fluorophenol
Concen: 12.478 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:112 Resp: 34684

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.2	70.8
63	26.4	24.4	36.6



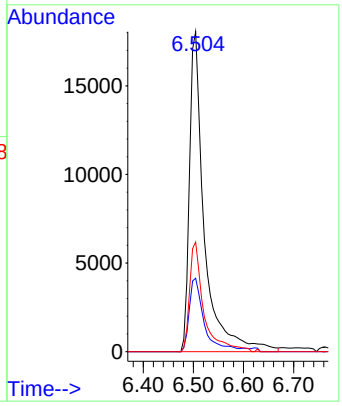


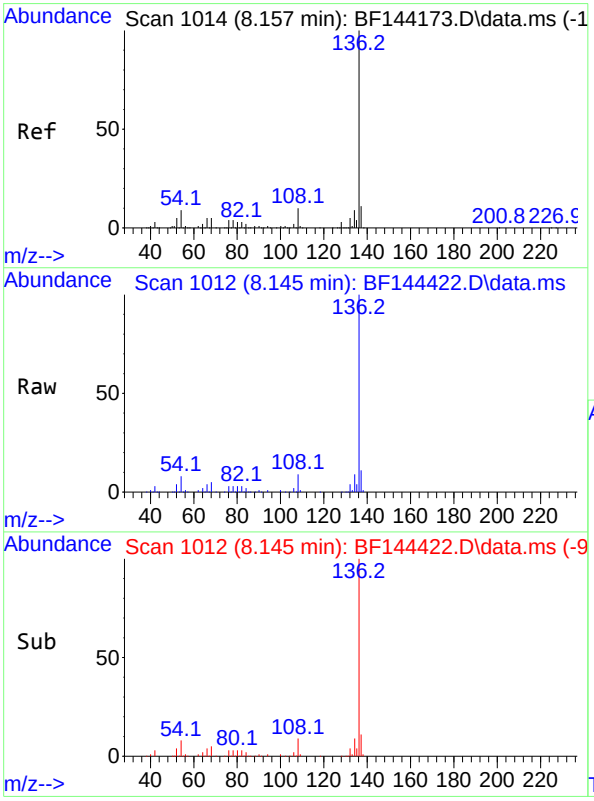
#7
Phenol-d6
Concen: 11.846 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion: 99 Resp: 37309

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.9	31.3
71	34.2	31.4	47.2

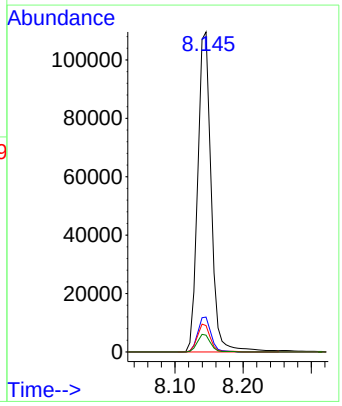


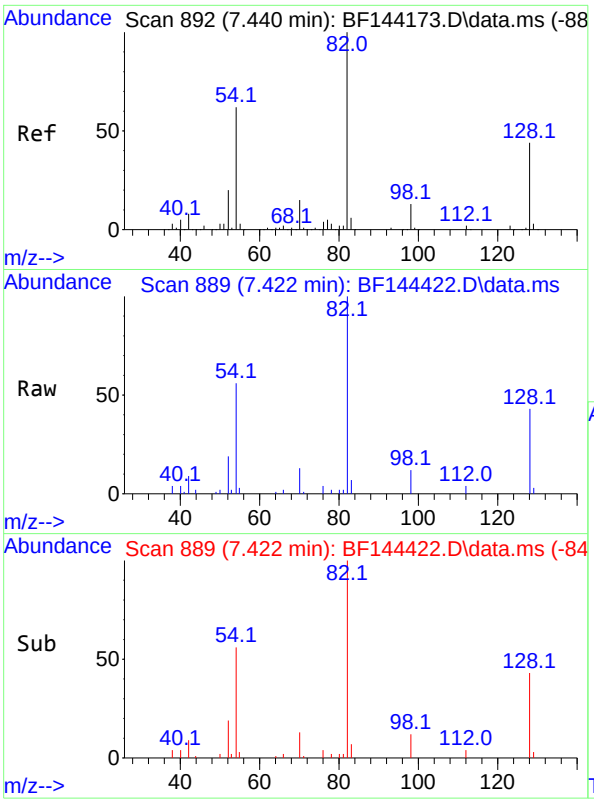


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:136 Resp: 150247

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	7.0	10.6
68	5.2	4.3	6.5



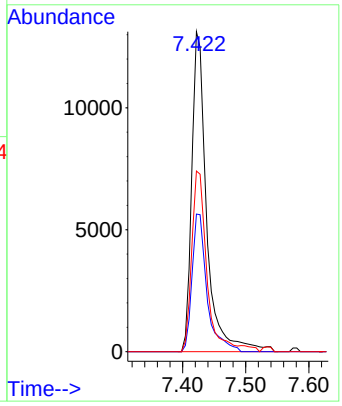


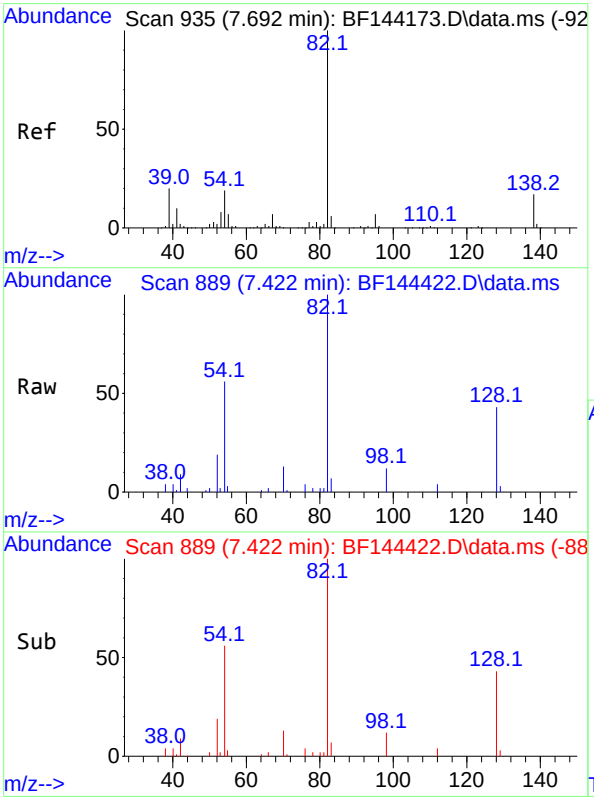
#23
Nitrobenzene-d5
Concen: 8.293 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion: 82 Resp: 21575

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.7	52.1
54	56.4	49.5	74.3

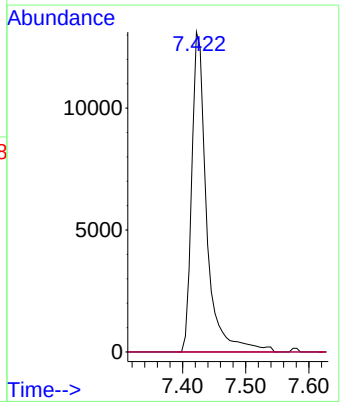


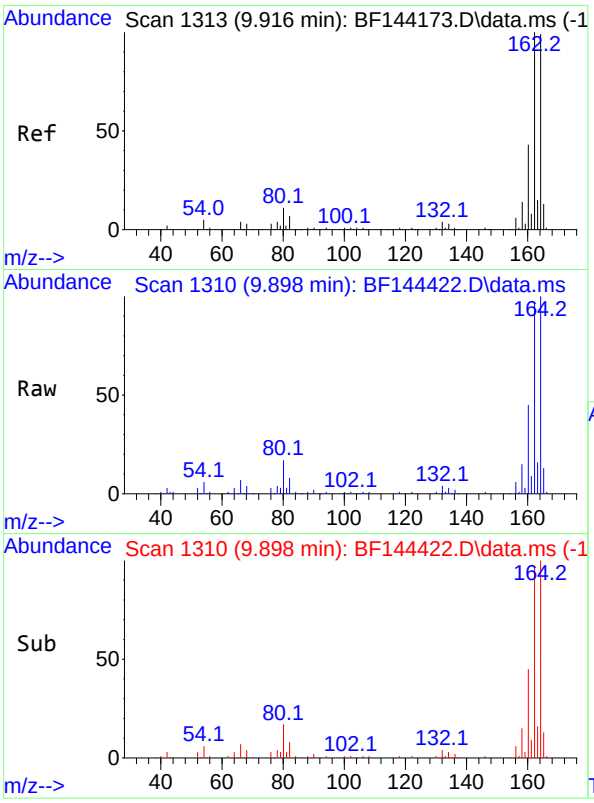


#25
Isophorone
Concen: 4.385 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion: 82 Resp: 21575

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.7	20.5#



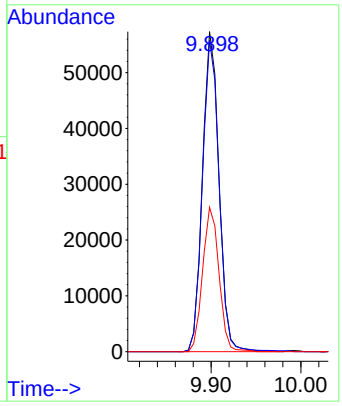


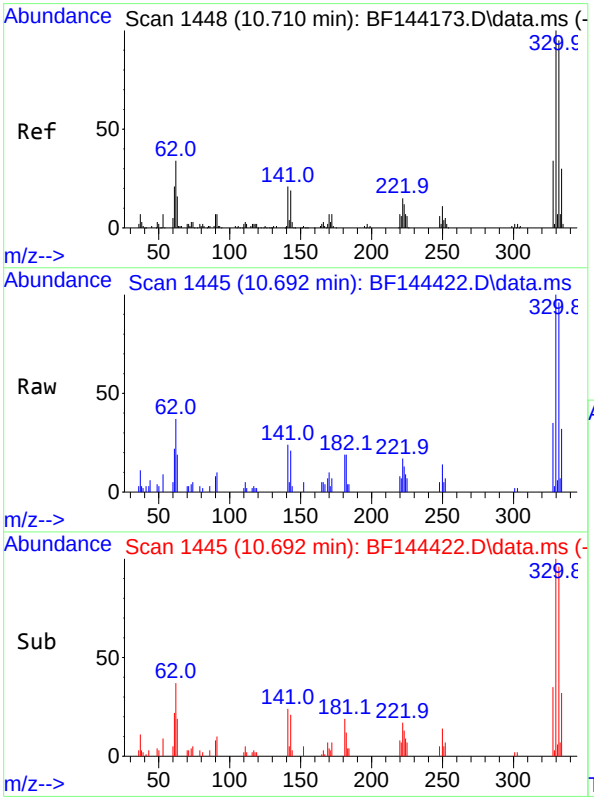
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:164 Resp: 73329

Ion	Ratio	Lower	Upper
164	100		
162	97.3	81.1	121.7
160	45.1	34.5	51.7

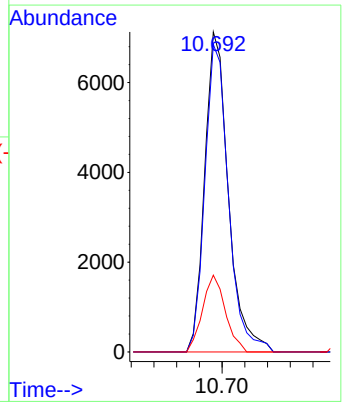


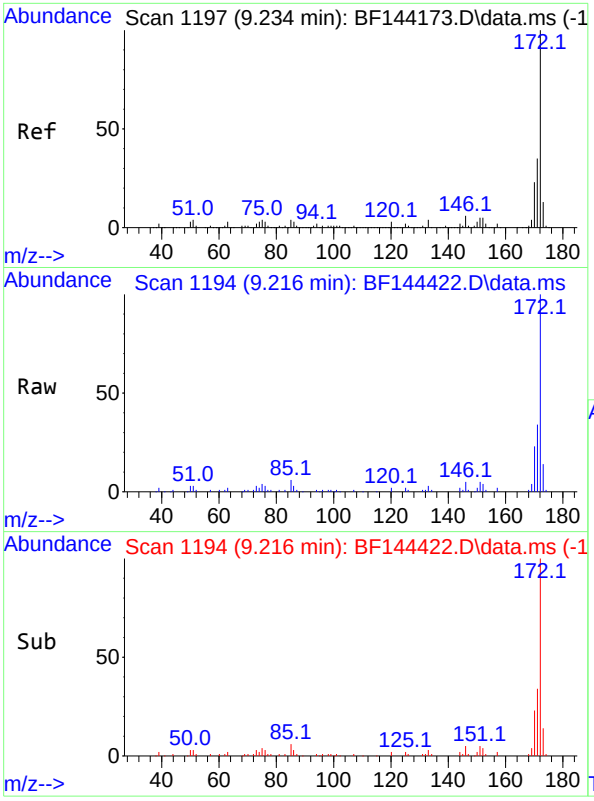


#42
2,4,6-Tribromophenol
Concen: 11.204 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:330 Resp: 10310

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	23.1	17.8	26.8



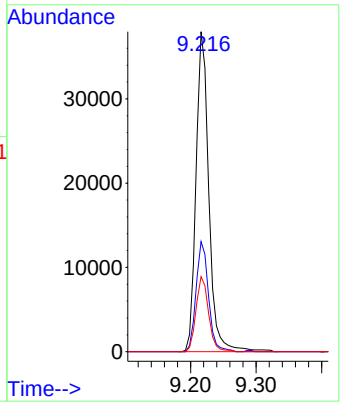


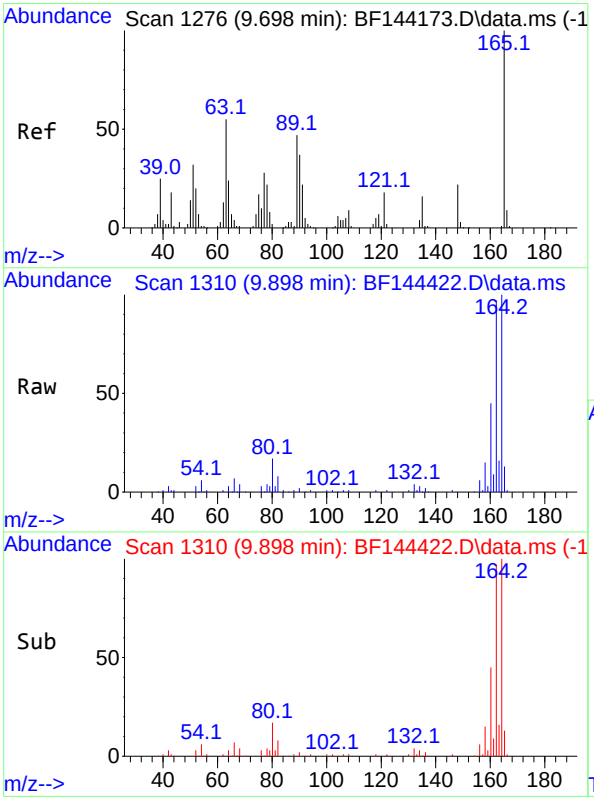
#45
2-Fluorobiphenyl
Concen: 10.425 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:172 Resp: 51759

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.4	18.6	28.0

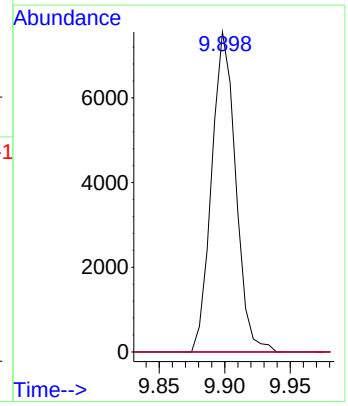


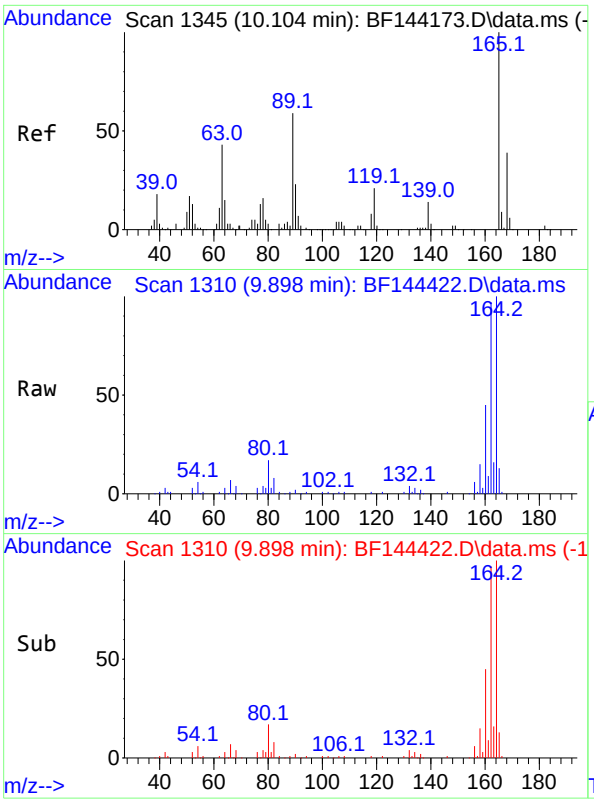


#51
2,6-Dinitrotoluene
Concen: 9.813 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:165 Resp: 9650

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	37.5	56.3#



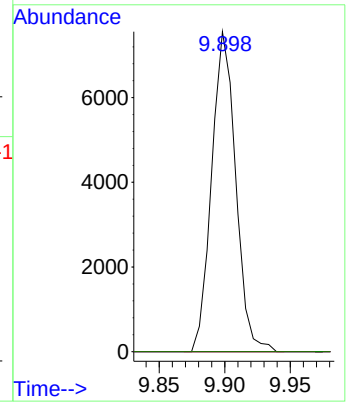


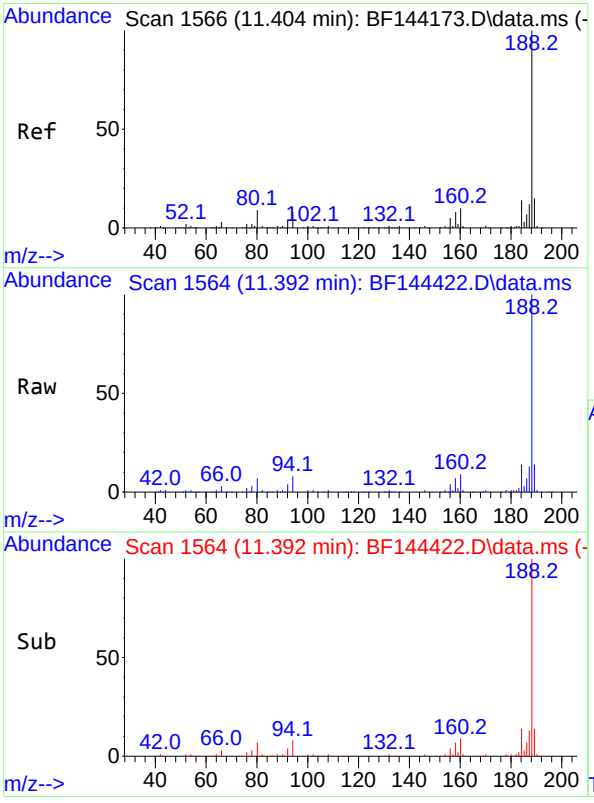
#57
2,4-Dinitrotoluene
Concen: 7.330 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:165 Resp: 9650

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.5	53.3#
89	0.0	47.4	71.2#
182	0.0	1.9	2.9#

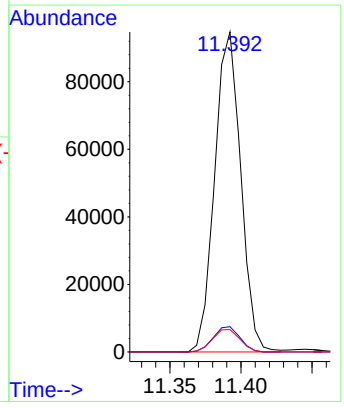


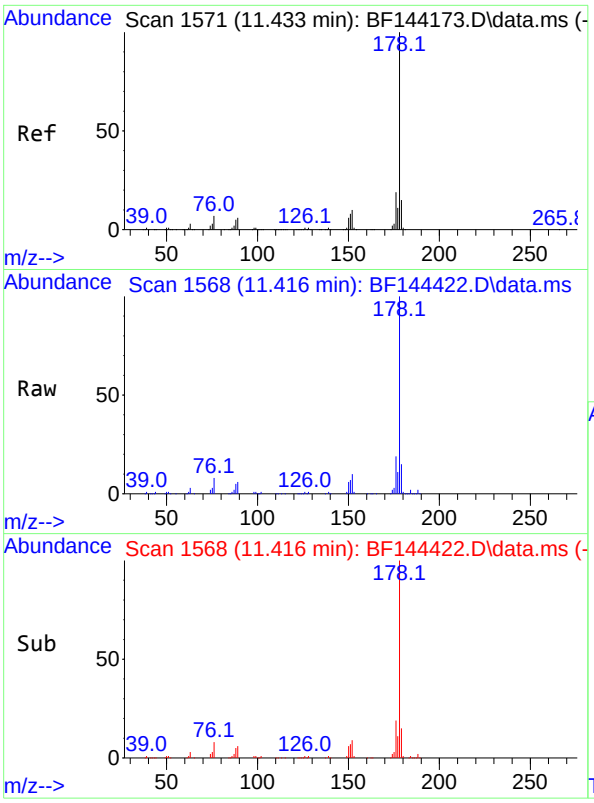


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:188 Resp: 120719

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	7.0	6.9	10.3



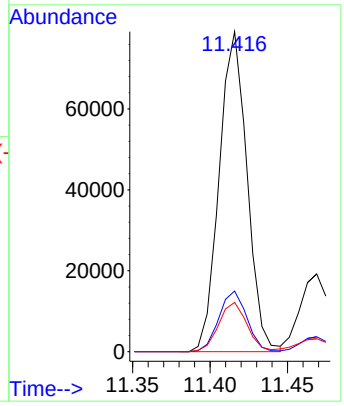


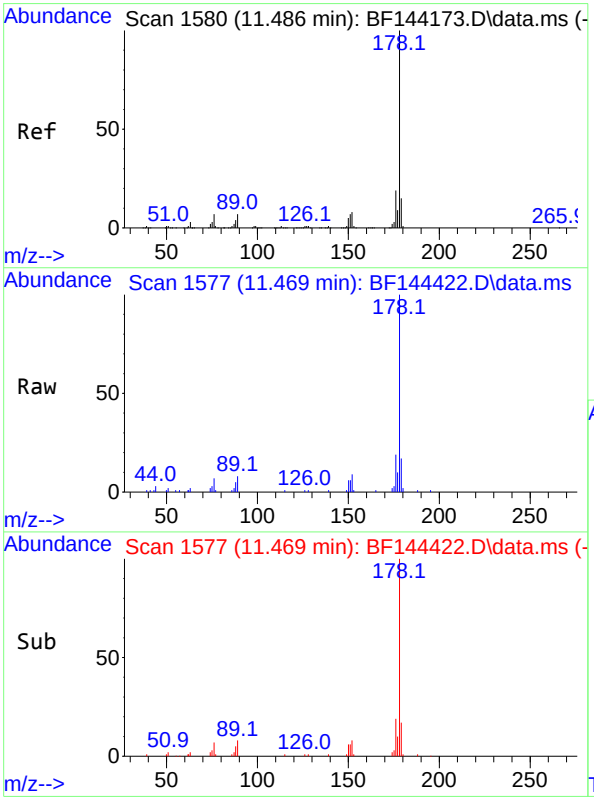
#71
Phenanthrene
Concen: 16.453 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:178 Resp: 98887

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.2	18.4

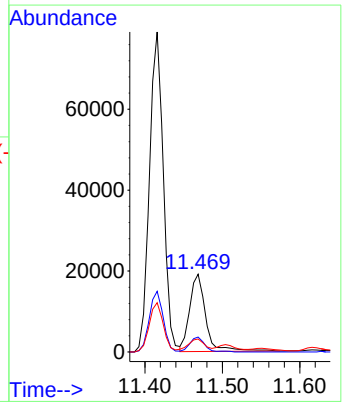


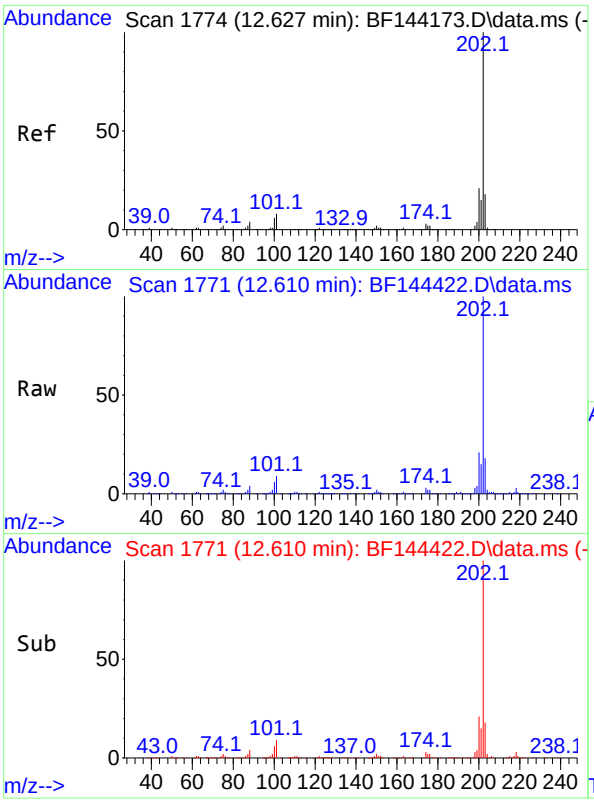


#72
Anthracene
Concen: 4.508 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:178 Resp: 27552

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.7	12.0	18.0



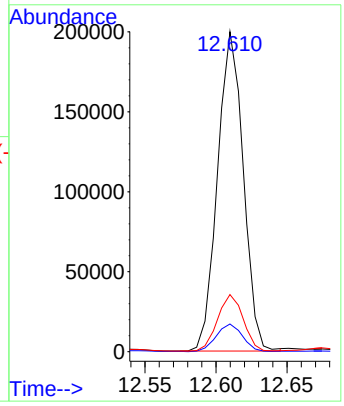


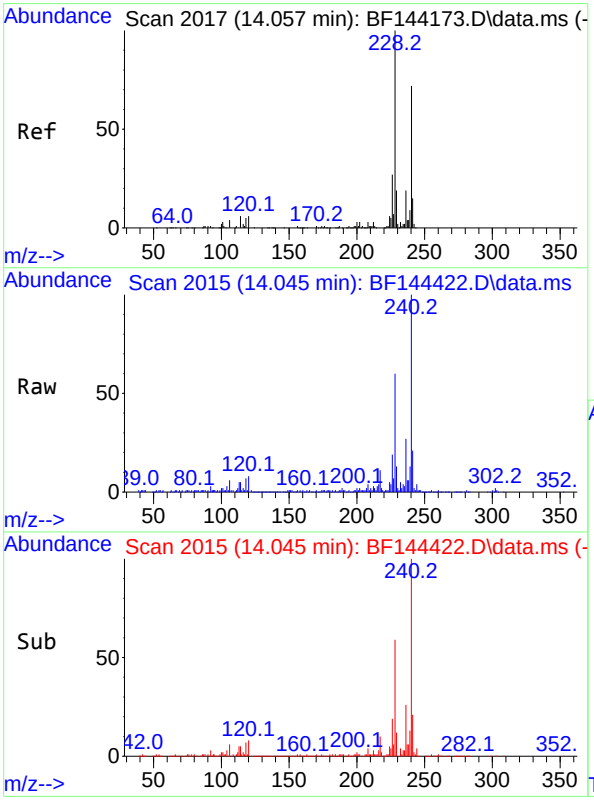
#75
Fluoranthene
Concen: 40.526 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:202 Resp: 251620

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.9
203	17.9	0.0	37.5

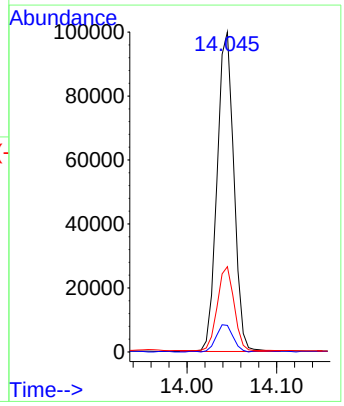


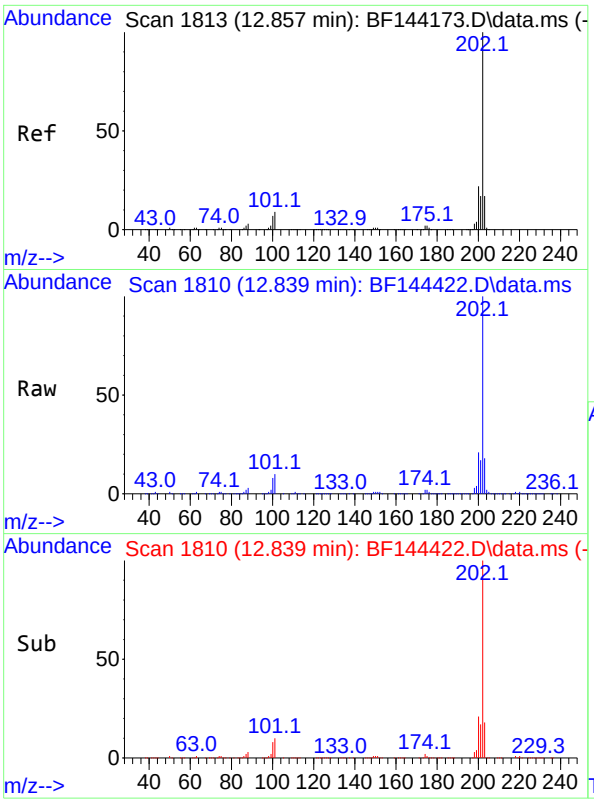


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:240 Resp: 129444

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.7	21.4	32.2



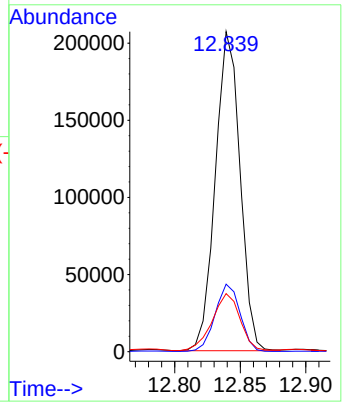


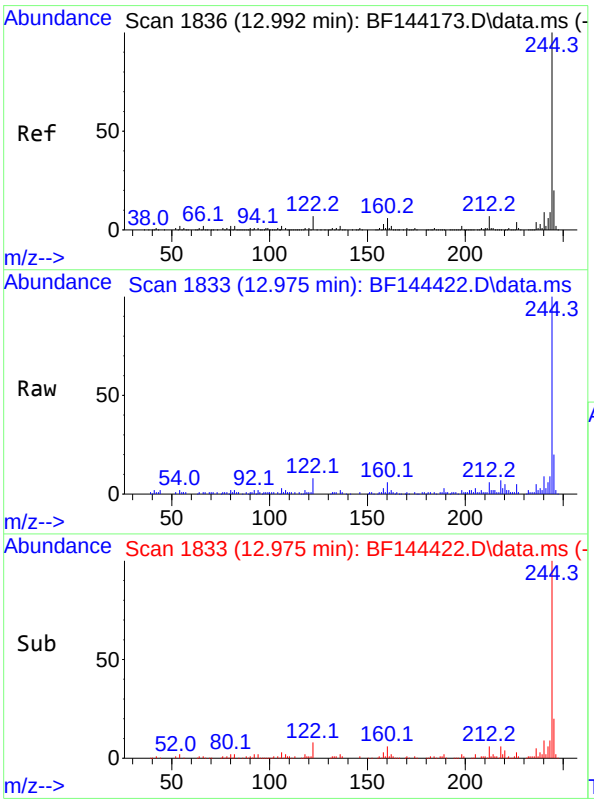
#78
Pyrene
Concen: 25.900 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:202 Resp: 270315

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.2	13.7	20.5

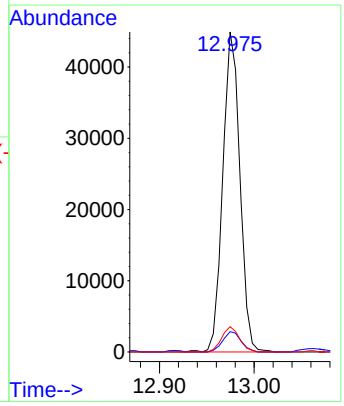


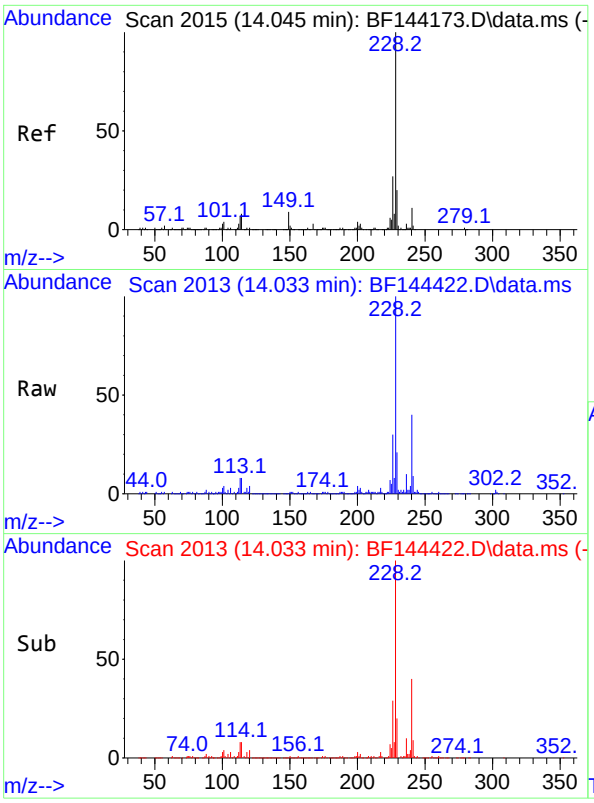


#79
Terphenyl-d14
Concen: 6.928 ng
RT: 12.975 min Scan# 1833
Delta R.T. -0.018 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:244 Resp: 56455

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	7.9	5.6	8.4



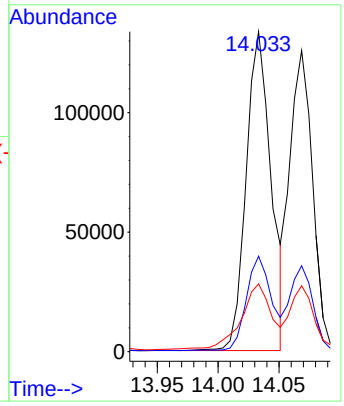


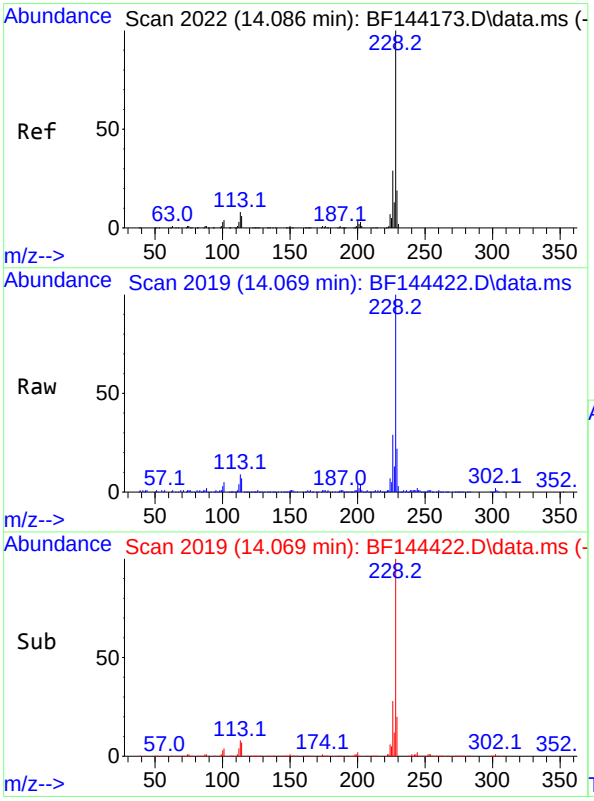
#81
Benzo(a)anthracene
Concen: 21.217 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:228 Resp: 190347

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.8
229	21.2	15.8	23.6

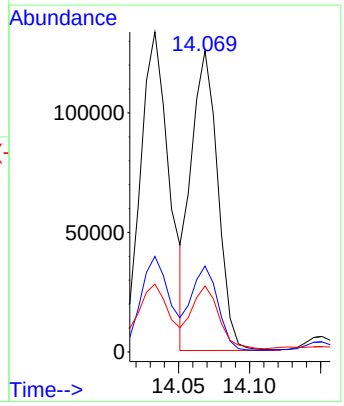


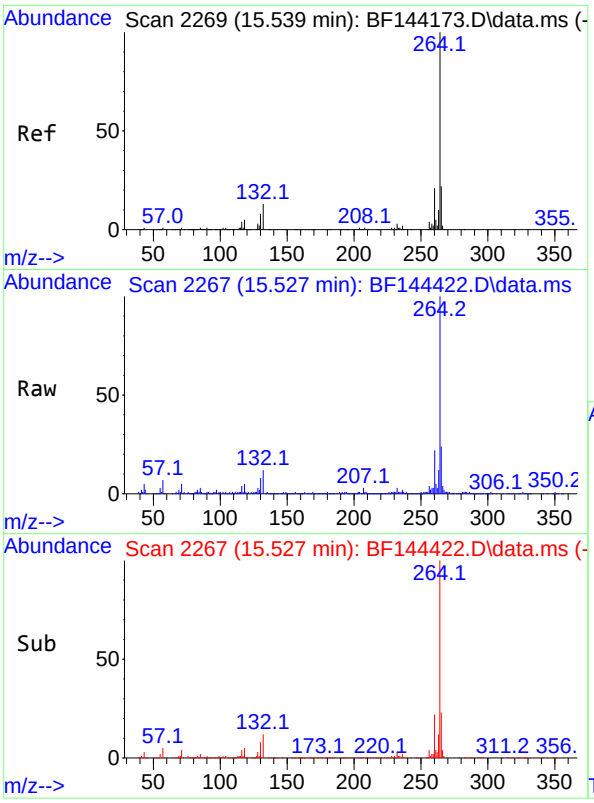


#83
Chrysene
Concen: 19.675 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:228 Resp: 162948

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	21.9	15.0	22.6



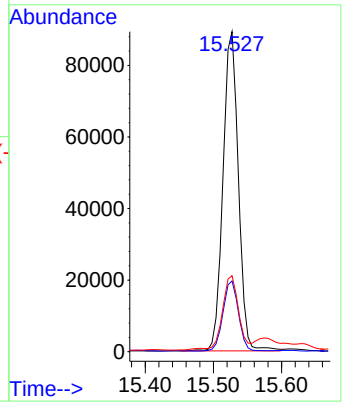


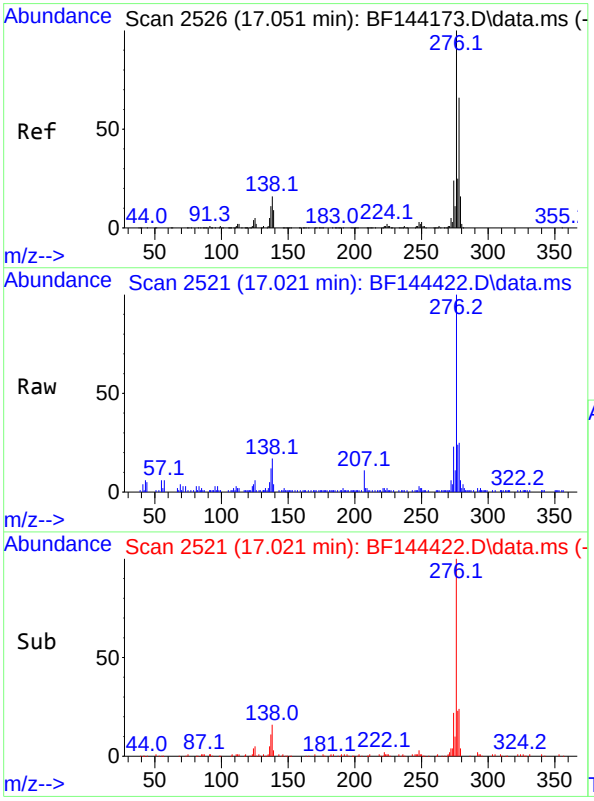
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:264 Resp: 140391

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	23.8	17.4	26.0

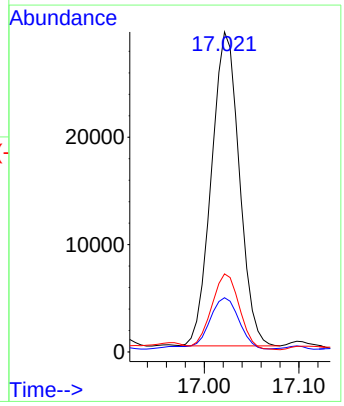


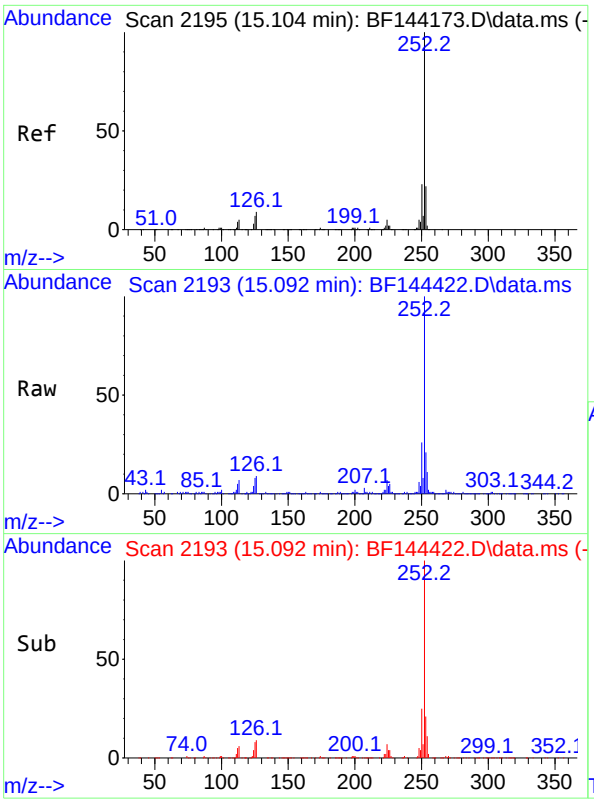


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.933 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:276 Resp: 59795

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.9	20.9
277	24.4	19.8	29.6



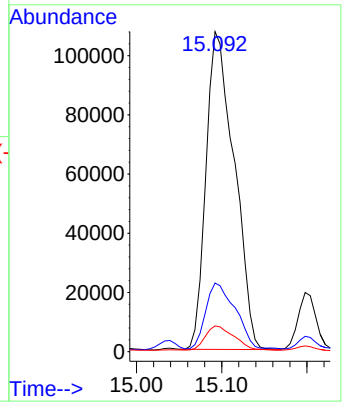


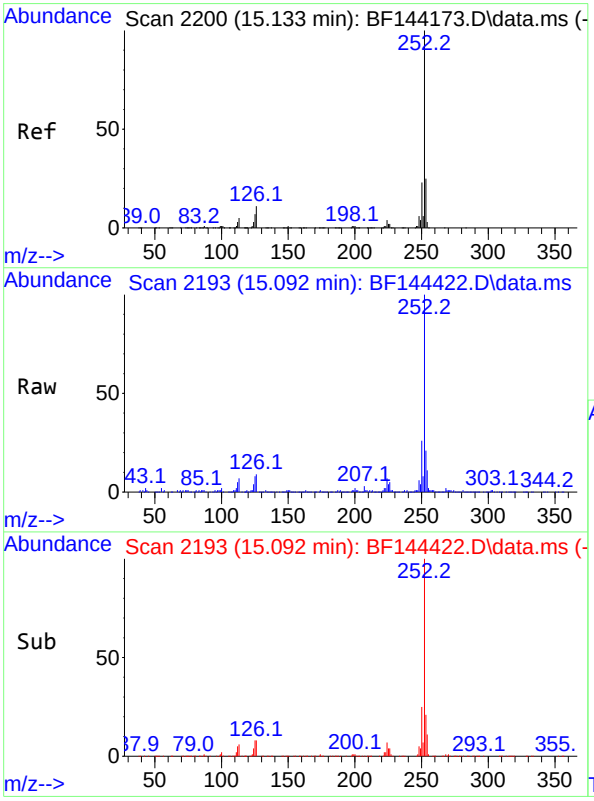
#88
Benzo(b)fluoranthene
Concen: 30.984 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:252 Resp: 247297

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	8.1	5.3	7.9#

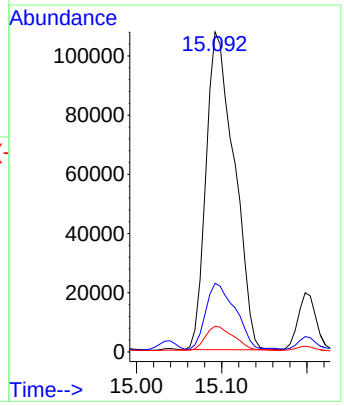


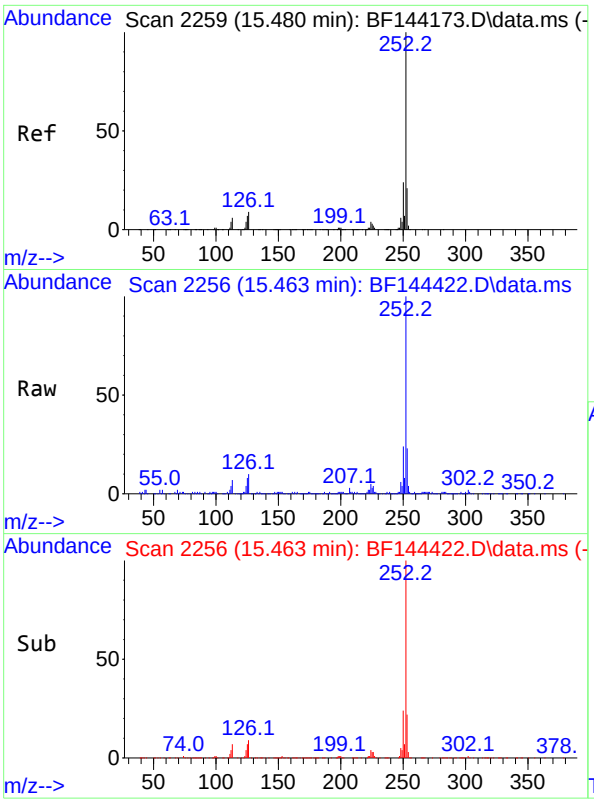


#89
Benzo(k)fluoranthene
Concen: 33.102 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.035 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:252 Resp: 247297

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.1	5.4	8.2



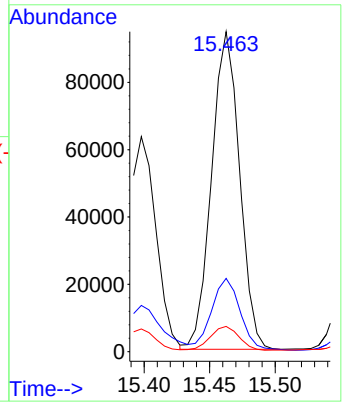


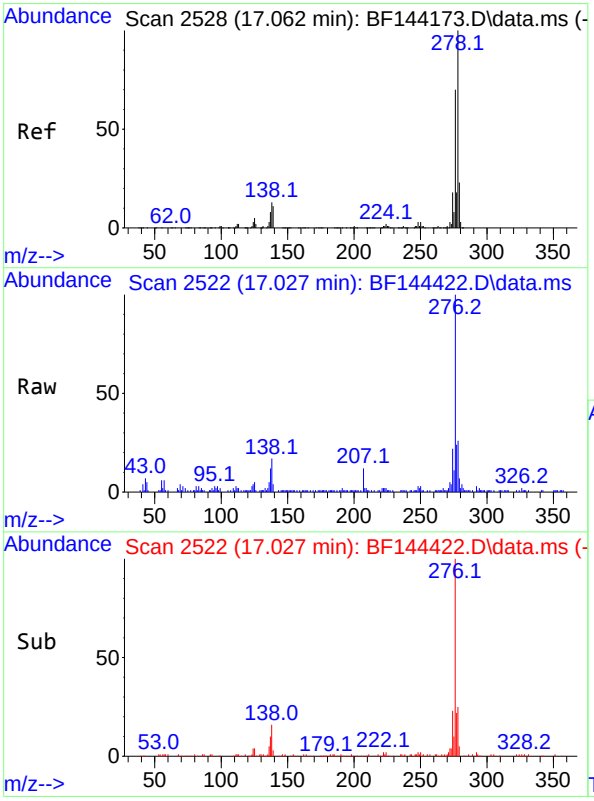
#90
Benzo(a)pyrene
Concen: 18.990 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:252 Resp: 139825

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.7	25.1
125	7.9	5.7	8.5

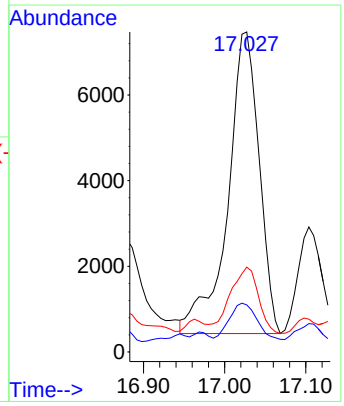


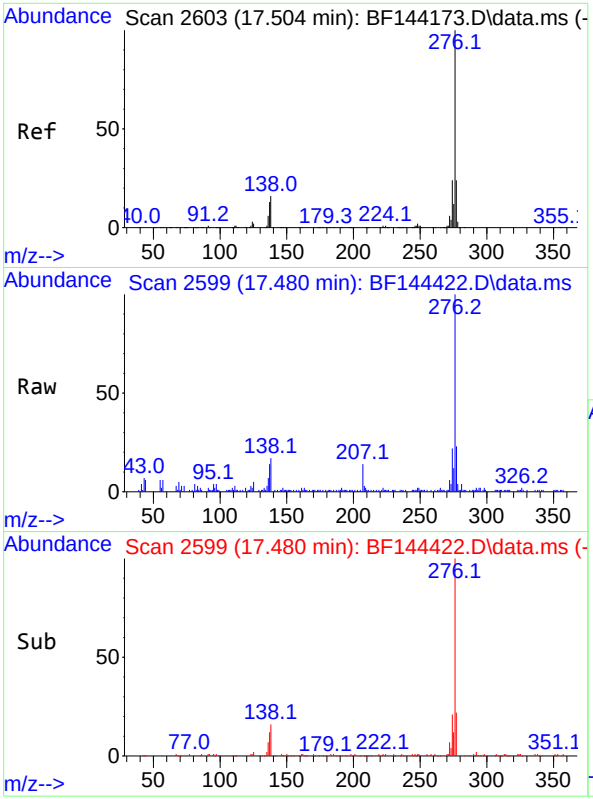


#91
Dibenzo(a,h)anthracene
Concen: 2.332 ng
RT: 17.027 min Scan# 2522
Delta R.T. -0.024 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Tgt Ion:278 Resp: 18872

Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.1	13.7#
279	26.5	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 7.239 ng
RT: 17.480 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144422.D
Acq: 03 Dec 2025 16:35

Instrument :
BNA_F
ClientSampleId :
FENCE WC-1DL

Tgt Ion:276 Resp: 57854

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	16.9	12.9	19.3